Inventor(s): Philip H. Mellor et al. Express Mail No. EV336614587US Docket No. 130209.491

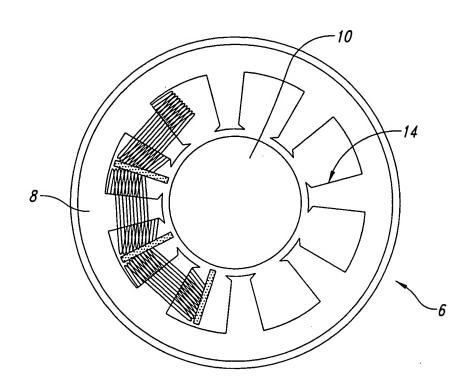


FIG. 1A

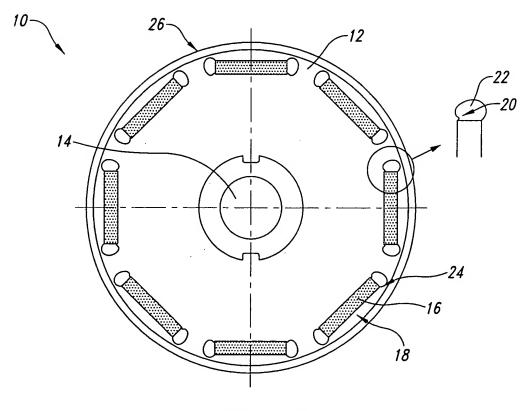


FIG. 1B

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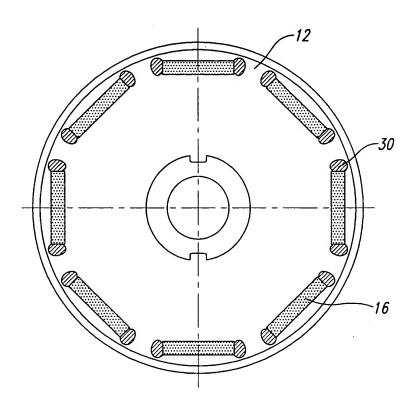


FIG. 2

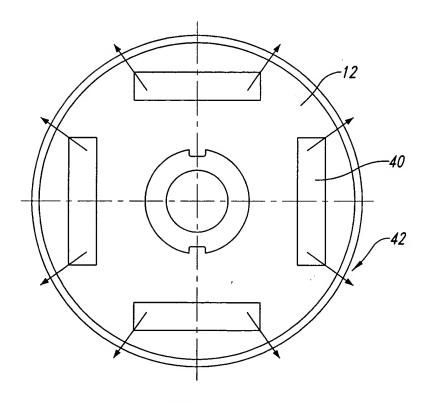


FIG. 3 (Prior Art)

Title: ROTOR ASSEMBLY OF SYNCHRONOUS MACHINE Inventor(s): Philip H. Mellor et al. Express Mail No. EV336614587US Docket No. 130209.491

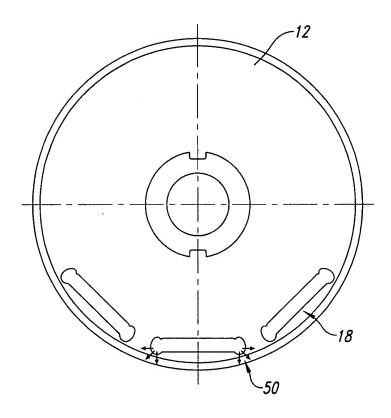


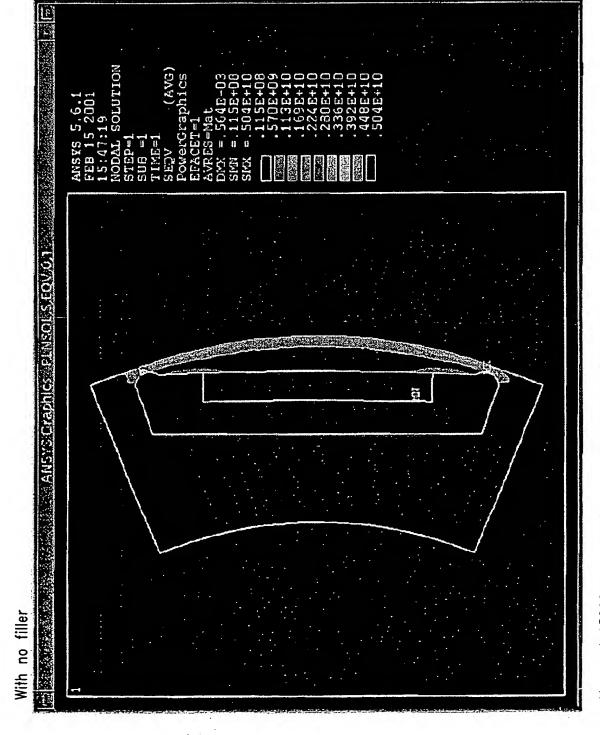
FIG. 4

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FIG. 5



At speed 15000 rpm-maximum stress in iron 5000 MPa

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9 .5IL

With epoxy resin filler

At speed 15000 rpm-maximum stress in iron 286 MPa

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